



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

European
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

Strehl Schübel-Hopf & Partner
Maximilianstrasse 54
80538 München
ALLEMAGNE

Erhalten
15. APR. 2004
Strehl et al.

Datum/Date

14.04.04

Zeichen/Ref./Réf.

EPA-63307

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

03026890.8-2403-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Ajinomoto Co., Inc.

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

NONE

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 1 229 121 A (AJINOMOTO KK) 7 August 2002 (2002-08-07) the whole document, in particular '0005!-'0007! and '0029! ----	1-11	C12P13/14 C12N9/00 C12N9/80 C12N15/52
✓ Y,D	JAKOBY M ET AL: "Isolation of the Corynebacterium glutamicum glnA gene encoding glutamine synthetase I" FEMS MICROBIOLOGY LETTERS, AMSTERDAM, NL, vol. 154, no. 1, 1997, pages 81-88, XP002226625 ISSN: 0378-1097	9-11	
Y,D	-& DATABASE EMBL 'Online! EBI; 22 August 1997 (1997-08-22) "Corynebacterium glutamicum glnA gene" retrieved from EMBL Database accession no. Y13221 XP002274352 see sequence ----	9-11	
Y	WO 01 00843 A (BASF AG) 4 January 2001 (2001-01-04) the whole document, in particular SEQ ID NO: 98 ----	9-11	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Y	-& DATABASE EMBL 'Online! EBI; 22 January 2001 (2001-01-22) "Sequence 98 from patent W00100843" retrieved from EMBL Database accession no. AX063816 XP002274353 see sequence ----- -/--	9-11	C12P C12N
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 22 March 2004	Examiner Bassias, I
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	PATEK M ET AL: "PROMOTERS FROM CORYNEBACTERIUM GLUTAMICUM: CLONING, MOLECULAR ANALYSIS AND SEARCH FOR A CONSENSUS MOTIF" MICROBIOLOGY, SOCIETY FOR GENERAL MICROBIOLOGY, READING, GB, vol. 142, no. 5, 1996, pages 1297-1309, XP008006983 ISSN: 1350-0872 the whole document, in particular 2nd paragraph of p. 1306 ---	9-11	
✓ Y	EP 1 033 407 A (AJINOMOTO KK) 6 September 2000 (2000-09-06) * the whole document *	9-11	
✓ A	SCHULZ A A ET AL: "NITROGEN AND CARBON REGULATION OF GLUTAMINE SYNTHETASE AND GLUTAMATE SYNTHASE IN CORYNEBACTERIUM GLUTAMICUM ATCC 13032" FEMS MICROBIOLOGY LETTERS, AMSTERDAM, NL, vol. 205, no. 2, 18 December 2001 (2001-12-18), pages 361-367, XP001070108 ISSN: 0378-1097 -----		TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 22 March 2004	Examiner Bassias, I
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document</div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 6890

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-03-2004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1229121	A	07-08-2002	JP	2002300887 A	15-10-2002
			BR	0200320 A	29-10-2002
			CN	1384190 A	11-12-2002
			EP	1229121 A2	07-08-2002
			US	2003003550 A1	02-01-2003
<hr/>					
WO 0100843	A	04-01-2001	AU	5421300 A	31-01-2001
			BR	0011806 A	14-05-2002
			CA	2383865 A1	04-01-2001
			CN	1371417 T	25-09-2002
			EP	1257649 A2	20-11-2002
			ES	2177475 T1	16-12-2002
			WO	0100843 A2	04-01-2001
			PL	353541 A1	01-12-2003
			SK	18862001 A3	06-11-2002
			TR	200103707 T2	23-09-2002
			US	2003162267 A1	28-08-2003
			AU	5559000 A	31-01-2001
			BR	0011805 A	14-05-2002
			CA	2383875 A1	04-01-2001
			CN	1370235 T	18-09-2002
			CZ	20014659 A3	11-09-2002
			EP	1263963 A2	11-12-2002
			ES	2178979 T1	16-01-2003
			WO	0100844 A2	04-01-2001
			JP	2003517291 T	27-05-2003
			PL	353388 A1	17-11-2003
			SK	18872001 A3	03-12-2002
			TR	200103706 T2	21-10-2002
			US	2003049804 A1	13-03-2003
			AU	5836900 A	31-01-2001
			BR	0011811 A	18-06-2002
			CA	2380870 A1	04-01-2001
			CN	1451047 T	22-10-2003
			EP	1290178 A2	12-03-2003
			ES	2184658 T1	16-04-2003
			HU	0203340 A2	28-01-2003
			WO	0100804 A2	04-01-2001
			JP	2003525593 T	02-09-2003
			SK	18882001 A3	10-09-2002
			TR	200103709 T2	21-08-2002
			AU	5421600 A	31-01-2001
			BR	0011810 A	07-05-2002
			CA	2380863 A1	04-01-2001
			CN	1370236 T	18-09-2002
			CZ	20014660 A3	11-09-2002

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 6890

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-03-2004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0100843 A		EP 1255839 A2	13-11-2002
		ES 2177476 T1	16-12-2002
		WO 0100805 A2	04-01-2001
		SK 18912001 A3	08-10-2002
		TR 200103708 T2	21-08-2002
		US 6696561 B1	24-02-2004
		US 2004030116 A1	12-02-2004
		AU 5420500 A	31-01-2001
		BR 0011803 A	09-04-2002
		CA 2380871 A1	04-01-2001
EP 1033407 A	06-09-2000	AU 737421 B2	16-08-2001
		AU 5757899 A	17-04-2000
		BR 9909409 A	21-11-2000
		EP 1033407 A1	06-09-2000
		HU 0100045 A2	28-05-2001
		SK 7702000 A3	09-10-2000
		US 2004002143 A1	01-01-2004
		CN 1289368 T	28-03-2001
		ID 25513 A	05-10-2000
		WO 0018935 A1	06-04-2000
		ZA 200002173 A	07-11-2000